[c1] An isolated nucleic acid having at least 80% nucleic acid sequence identity to:

(a)a nucleic acid sequence encoding the polypeptide shown in Figure 88 (SEQ ID NO:88);

b)a nucleic acid sequence encoding the polypeptide shown in Figure 88 (SEQ ID NO:88), lacking its associated signal peptide;

(c)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 88 (SEQ ID NO:88);

(d)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 88 (SEQ ID NO:88), lacking its associated signal peptide;

(e)the nucleic acid sequence shown in Figure 87 (SEQ ID NO:87);

(f)the full-length coding sequence of the nucleic acid sequence shown in Figure 87 (SEQ ID NO:87); or

(g)the full-length coding sequence of the cDNA deposited under ATCC accession number 203159.

The isolated nucleic acid of Claim 1 having at least 85% nucleic acid sequence identity to:

(a)a nucleic acid sequence encoding the polypeptide shown in Figure 88 (SEQ ID NO:88);

(b)a nucleic acid sequence encoding the polypeptide shown in Figure 88 (SEQ ID NO:88), lacking its associated signal peptide;

(c)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 88 (SEQ ID NO:88);

(d)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 88 (SEQ ID NO:88), lacking its associated signal peptide;

(e)the nucleic acid sequence shown in Figure 87 (SEQ ID NO:87);

(f)the full-length coding sequence of the nucleic acid sequence shown in Figure 87 (SEQ ID NO:87); or

(g)the full-length coding sequence of the cDNA deposited under ATCC accession number 203159.

The isolated nucleic acid of Claim 1 having at least 90% nucleic acid sequence identity to:

[c2]

[c3]

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(a)a nucleic acid sequence encoding the polypeptide shown in Figure 88 (SEQ ID NO:88);

(b)a nucleic acid sequence encoding the polypeptide shown in Figure 88 (SEQ ID NO:88), lacking its associated signal peptide;

(c)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 88 (SEQ ID NO:88);

(d)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 88 (SEQ ID NO:88), lacking its associated signal peptide;

(e)the nucleic acid sequence shown in Figure 87 (SEQ ID NO:87);

(f)the full-length coding sequence of the nucleic acid sequence shown in Figure 87 (SEQ ID NO:87); or

(g)the full-length coding sequence of the cDNA deposited under ATCC accession number 203159.

The isolated nucleic acid of Claim 1 having at least 95% nucleic acid sequence identity to:

(a)a nucleic acid sequence encoding the polypeptide shown in Figure 88 (SEQ ID NO:88);

(b)a nucleic acid sequence encoding the polypeptide shown in Figure 88 (SEQ ID NO:88), lacking its associated signal peptide;

(c)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 88 (SEQ ID NO:88);

d)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 88 (SEQ ID NO:88), lacking its associated signal peptide;

(e)the nucleic acid sequence shown in Figure 87 (SEQ ID NO:87);

(f)the full-length coding sequence of the nucleic acid sequence shown in Figure 87 (SEQ ID NO:87); or

(g)the full-length coding sequence of the cDNA deposited under ATCC accession number 203159.

The isolated nucleic acid of Claim 1 having at least 99% nucleic acid sequence identity to:

(a)a nucleic acid sequence encoding the polypeptide shown in Figure 88 (SEQ ID NO:88);

[c4]

[c5]

(b)a nucleic acid sequence encoding the polypeptide shown in Figure 88 (SEQ ID NO:88), lacking its associated signal peptide;

(c)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 88 (SEQ ID NO:88);

(d)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 88 (SEQ ID NO:88), lacking its associated signal peptide;

(e)the nucleic acid sequence shown in Figure 87 (SEQ ID NO:87);

(f)the full-length coding sequence of the nucleic acid sequence shown in Figure 87 (SEQ ID NO:87); or

(g)the full-length coding sequence of the cDNA deposited under ATCC accession number 203159.

[c6] An isolated nucleic acid comprising:

(a)a nucleic acid sequence encoding the polypeptide shown in Figure 88 (SEQ ID NO:88);

(b)a nucleic acid sequence encoding the polypeptide shown in Figure 88 (SEQ ID NO:88), lacking its associated signal peptide;

(c)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 88 (SEQ ID NO:88);

(d)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 88 (SEQ ID NO:88), lacking its associated signal peptide;

(e)the nucleic acid sequence shown in Figure 87 (SEQ ID NO:87);

(f)the full-length coding sequence of the nucleic acid sequence shown in Figure 87 (SEQ ID NO:87); or

(g)the full-length coding sequence of the cDNA deposited under ATCC accession number 203159.

The isolated nucleic acid of Claim 6 comprising a nucleic acid sequence encoding the polypeptide shown in Figure 88 (SEQ ID NO:88).

[c8] The isolated nucleic acid of Claim 6 comprising a nucleic acid sequence encoding the polypeptide shown in Figure 88 (SEQ ID NO:88), lacking its associated signal peptide.

The isolated nucleic acid of Claim 6 comprising a nucleic acid sequence

[c9]

[c7]

	encoding the extracellular domain of the polypeptide shown in Figure 88 (SEQ ID NO:88).
[c10]	The isolated nucleic acid of Claim 6 comprising a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 88 (SEQ ID NO:88), lacking its associated signal peptide.
[c11]	The isolated nucleic acid of Claim 6 comprising the nucleic acid sequence shown in Figure 87 (SEQ ID NO:87).
[c12]	The isolated nucleic acid of Claim 6 comprising the full-length coding sequence of the nucleic acid sequence shown in Figure 87 (SEQ ID NO:87).
[c13]	The isolated nucleic acid of Claim 6 comprising the full-length coding sequence of the cDNA deposited under ATCC accession number 203159.
[c14]	An isolated nucleic acid that hybridizes to:
	(a)a nucleic acid sequence encoding the polypeptide shown in Figure 88 (SEQ ID
	NO:88);
	(b)a nucleic acid sequence encoding the polypeptide shown in Figure 88 (SEQ ID
	NO:88), lacking its associated signal peptide;
	(c)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 88 (SEQ ID NO:88);
	(d)a nucleic acid sequence encoding the extracellular domain of the polypeptide
	shown in Figure 88 (SEQ ID NO:88), lacking its associated signal peptide;
	(e)the nucleic acid sequence shown in Figure 87 (SEQ ID NO:87);
	(f)the full-length coding sequence of the nucleic acid sequence shown in Figure
	87 (SEQ ID NO:87); or
	(g)the full-length coding sequence of the cDNA deposited under ATCC accession number203159.
[c15]	The isolated nucleic acid of Claim 14, wherein said hybridization occurs under stringent conditions.

The isolated nucleic acid of Claim 14 which is at least 10 nucleotides in length.

A vector comprising the nucleic acid of Claim 1.

[c16]

[c17]

- [c18] The vector of Claim 17, wherein said nucleic acid is operably linked to control sequences recognized by a host cell transformed with the vector.
- [c19] A host cell comprising the vector of Claim 17.
- [c20] The host cell of Claim 19, wherein said cell is a CHO cell, an *E. coli* or a yeast cell.